FOREL-ULE COLOR COMPARATOR KIT
MODEL FLU • CODE 5907

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The Forel-Ule Color Test is performed in conjunction with the LaMotte Secchi Disk. To order individual reagents or test kit components, use the specified code number.

THE FOREL-ULE SCALE

The Forel-Ule Scale employs specially developed color standards to provide a relative measure of color in natural waters. Each standard is identified by a roman numeral, beginning with a deep sea blue and ending with a muddy yellowish-brown. The blue-to-green colors of the Low Range Comparator are used to identify the color of off-shore ocean waters. The green-to-brown colors of the High Range Comparator are used to identify the color of coastal and inland waters.

PROCEDURE

1. Insert distilled water ampoules (2748) into the viewing windows of the appropriate comparator.
2. Submerge the Secchi Disk (1062), to a depth just before it disappears.
3. Hold the comparator at arm’s length and view the white area of the submerged Secchi Disk through the comparator viewing windows.
4. With the submerged Secchi Disk as the background, compare the Forel-Ule color standards and the water color as seen through the viewing windows.
5. Record the value of the Forel-Ule color which most closely matches the color of the water as viewed in the prescribed manner. Detailed recordkeeping should include such factors as precise location, date, time of day, climate, and any other distinguishing characteristics of the reading site.

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